

## Product datasheet for **TA309355**

### Hsc70 (HSPA8) Mouse Monoclonal Antibody [Clone ID: 1F2-H5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1F2-H5
Applications:	WB
Recommended Dilution:	WB, ELISA, IP, IHC
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	Human Hsc70
Formulation:	PBS pH7.4, 50% glycerol
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	heat shock protein family A (Hsp70) member 8
Database Link:	<a href="#">NP_006588</a> <a href="#">Entrez Gene 15481 Mouse</a> <a href="#">Entrez Gene 24468 Rat</a> <a href="#">Entrez Gene 3312 Human</a> <a href="#">P11142</a>

**Background:** The product encoded by this gene belongs to the heat shock protein 70 family which contains both heat-inducible and constitutively expressed members. The latter are called heat-shock cognate proteins. This gene encodes a heat-shock cognate protein. This protein binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Two alternatively spliced variants have been characterized to date. [provided by RefSeq]

**Synonyms:** HEL-33; HEL-S-72p; HSC54; HSC70; HSC71; HSP71; HSP73; HSPA10; LAP-1; LAP1; NIP71

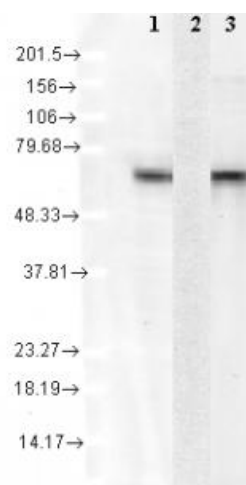
**Protein Families:** Stem cell - Pluripotency



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Protein Pathways: Antigen processing and presentation, Endocytosis, MAPK signaling pathway, Spliceosome

**Product images:**



Western blot analysis of 1: mix of 10 different human cell lines, 2: Hsp72 recombinant protein, and 3: Hsc70 (Hsp73) recombinant protein.